

# California OES Weather Threat Briefing

Wednesday, December 29, 2021  
9:00 AM PST

**Day 1 (Wednesday):** Travel impacts expected across the central and southern mountains as snow and very cold conditions continue. Significant mountain snow accumulations possible across the southern mountains. Heavy rain may cause flooding and burn scar impacts across portions of southern CA.

National Weather Service  
Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT



# **WEATHER KEY POINTS**

**12/29/21 - 01/04/22**

## **Wednesday - Friday**

- Rain and mountain snow will continue for central CA today, and spread south across Southern CA through Thursday
  - Rainfall rates may exceed burn scar thresholds for the Apple, El Dorado and Bond areas. Otherwise, minor flooding is possible in poorly drained areas, mudslides and rockslides are possible along some mountain roadways.
  - Peak rainfall rates of 0.50-0.75" per hour possible Wednesday into Wednesday night.
  - Heavy snow is expected mainly above 5000 ft across the southern mountains, including Santa Barbara, Ventura, and Los Angeles Counties. Gusty winds of 40-60 mph over the mountains may lead to additional travel impacts.
- Colder than typical temperatures are expected through much of the upcoming work week and into the new year, with nighttime temperatures remaining 10 to 20 degrees below normal throughout the week.

## **Saturday - Tuesday**

- Drier and continued cooler than normal temperatures for the weekend into early next week across CA.
- Astronomical high tides late in the week are some of the highest of the year with rides peaking near 8.81 feet at Humboldt Bay on Sunday January 2nd and Monday January 3rd. This combined with strong south winds along the coast could bring significant coastal flooding to areas around Humboldt Bay and possibly on the open coast as well.
- Another round of rain and mountain snow will return to NW CA on Sunday, and spread south into central CA Monday and Tuesday.
  - Additional heavy precipitation and areas of gusty winds are possible with this next storm



# CALIFORNIA WEATHER IMPACTS

12/29/21 - 01/04/22

<u>Hazards / Day</u>	WED	THU	FRI	SAT	SUN	MON	TUE
<b>Non-Thunderstorm Damaging Winds</b>					Coastal	Coastal/ Inland	Inland
<b>Snow</b>	Inland/ Southern	Southern			Coastal	Coastal/ Inland	Coastal/ Inland
<b>Coastal Flooding</b>					North Coast	North Coast	
<b>River Flooding</b>							
<b>Thunderstorms</b> (Wind / Hail / Tornadoes)							
<b>Fire Weather</b> (Low Humidity / Wind / Dry Thunderstorms)							
<b>Heat Risk</b>							
<b>Heavy Rain/Flash Flooding/ Debris Flow</b>	Coastal/ Inland/ Southern	Southern			Coastal/ Inland	Coastal/ Inland	Inland
<b>Cold</b>	All	All	All	All	All	All	All



No Impacts



Minimal Impacts



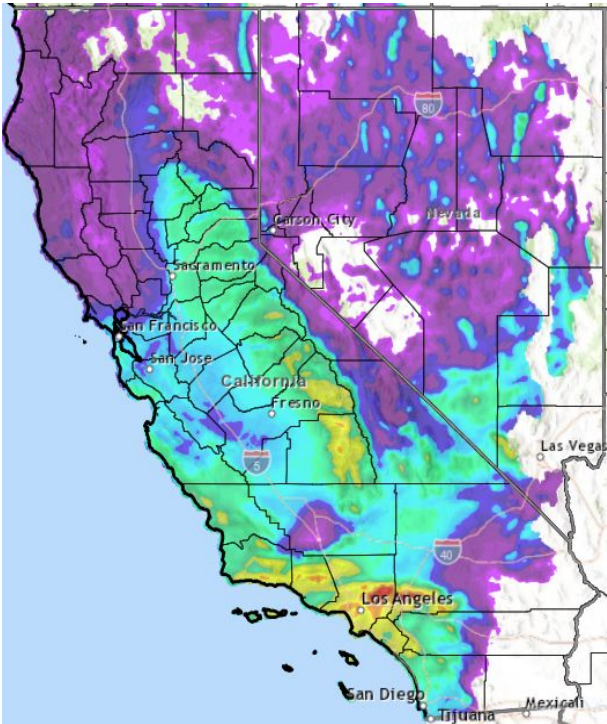
Moderate Impacts



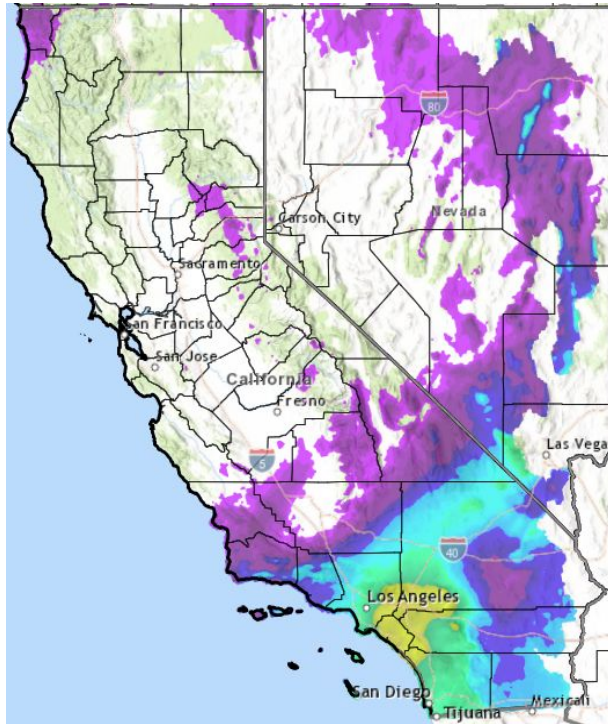
Severe Impacts

# PRECIPITATION FORECAST

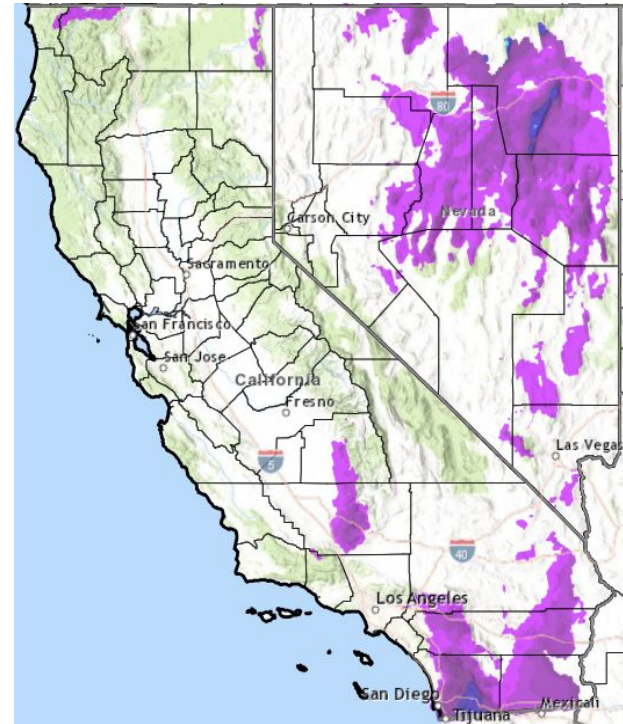
12/29/21 - 12/31/21



Wednesday



Thursday



Friday

**Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

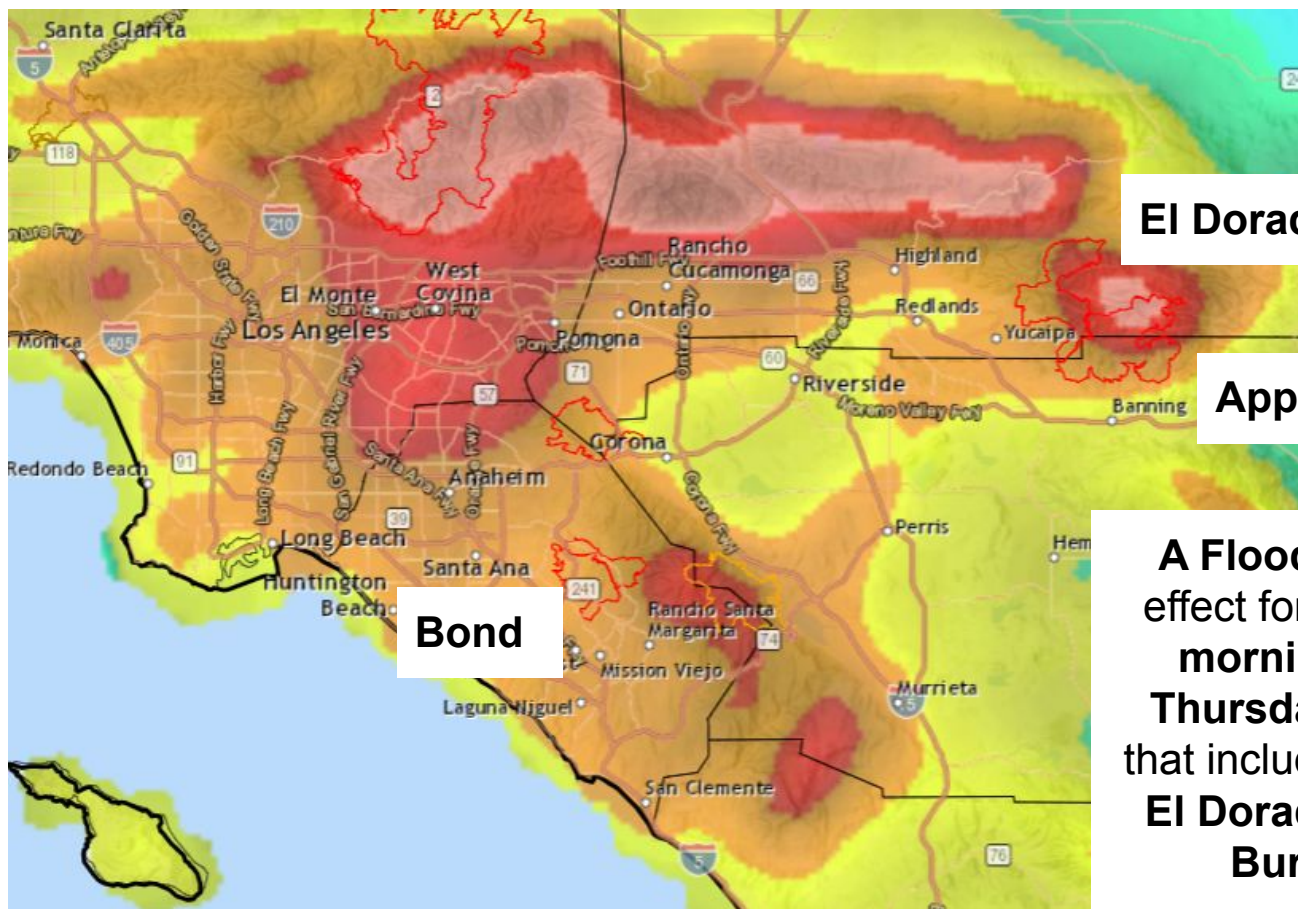
**Precipitation (inches)**





# TOTAL PRECIPITATION FORECAST - BURN SCAR IMPACTS

12/29/21 - 12/30/21



**Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

**Precipitation (inches)**



# **WEATHER OUTLOOK**

**01/03/21 - 01/11/22**

## **6-10 Day Outlook (January 3 – January 7)**

### **Temperatures**

- Likely below normal temperatures, with the strongest signal across Southern CA

### **Precipitation**

- Above normal precipitation is favored across nearly the entire state, with the strongest signal across northeastern California and the northern Sierras. Near normal precipitation is favored across far southern California.

## **8-14 Day Outlook (January 5 – January 11)**

### **Temperatures**

- Below normal temperatures are favored statewide, with greatest likelihood of below normal across Southern CA.

### **Precipitation**

- Leaning toward above normal precipitation being favored across central and northern CA, with near normal precipitation favored across southern California and along the central coast.



Information provided by:

**National Weather Service  
Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT**

Phone: (801) 524-7907

E-mail: [wr.roc@noaa.gov](mailto:wr.roc@noaa.gov)

Web: <https://www.weather.gov/wrh/>

